

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

2001B126B

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**AWAITED 10/511241**INTERNATIONAL APPLICATION NO.  
**PCT/US2002/031046**INTERNATIONAL FILING DATE  
**September 30, 2002**PRIORITY DATE CLAIMED  
**16 October 2001**

## TITLE OF INVENTION

**Method Of Removing Dimethyl Ether From An Olefin Stream**

## APPLICANT(S) FOR DO/EO/US

**Minquan Cheng, Michael P. Nicoletti, David R. Lumgair, Jr., John R. Shutt, Jeffrey A. Kabin, Wilfried Borgmann, Josef Kunkel, Helmut Fritz, Roland Walzl, Gerhard Lauerman and Klaus Muller**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV366447199US
23. ☒ Other items or information:

**Transmittal Form with Fee, Petition For Revival of An International Application for Patent Designating the US  
Abandoned Unintentionally Under 37 CFR 1.137(b) and Postcard**



## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.1)

10/511241

Applicant(s): Minquan Cheng, et. al.

2001B126B

Application No.

AWAITED

Filing Date

October 13, 2004

Examiner

Unassigned

Customer No.

23455

Group Art Unit

Unassigned

Invention: Method Of Removing Dimethyl Ether From An Olefin Stream

I hereby certify that the following correspondence:

Transmittal Letter to the US Designated/Elected Office Concerning a Filing Under 35 USC 371 with Fee, Transmittal Form with Fee for Petition, Petition for Revival of an International Application for Patent Designating the US Abandoned Unintentionally Under 37 CFR 1.137(b), Application, IPER, ISR and Postcard

(Identify type of correspondence)

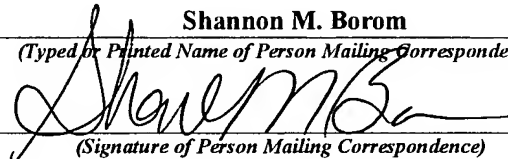
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

October 13, 2004

(Date)

Shannon M. Borom

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EV366447199US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.